A decorative header at the top of the slide features a central globe with a blue and white color scheme. The globe is flanked by two identical landscape illustrations. Each landscape shows a blue sky, green rolling hills, and a brown ground area with a blue line representing a river or path. The entire header is set against a dark red background.

Seneca Nation of Indians

“Strategic Energy Resource Plan”

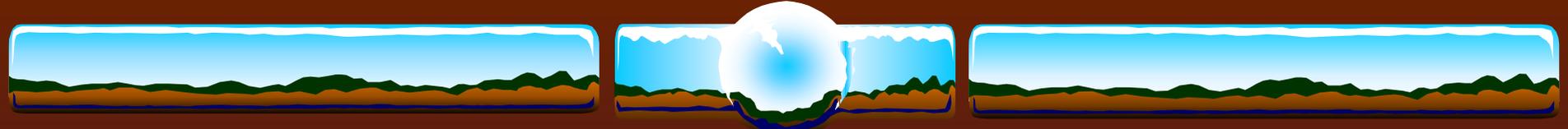
Energy Framework for the Future

DOE “First Steps Towards Developing
Renewable Energy & Energy Efficiency”

Project Kick-off Review

November 19, 2003

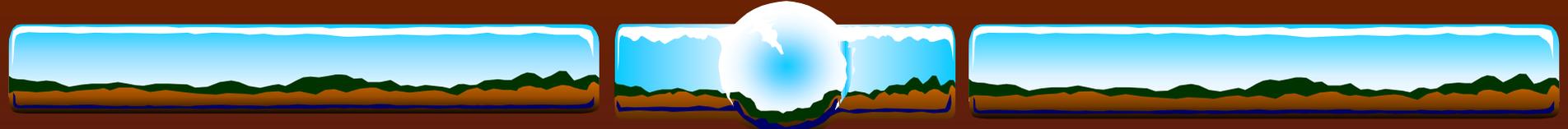
Golden, Colorado



Project Location

- ❖ Seneca Nation is one of the Six Nations of the Iroquois Confederacy, or Haudenosaunee (“People of the Longhouse”)
- ❖ 4 Distinct Territories in Western New York State
 - ❖ Allegany (30,984 acres) Cattaraugus (21,618 acres)
 - ❖ Oil Springs (1 sq. mi.) Niagara Falls (50 acres)
- ❖ Abundant Natural Resources
- ❖ Located in Prime Transportation Corridors

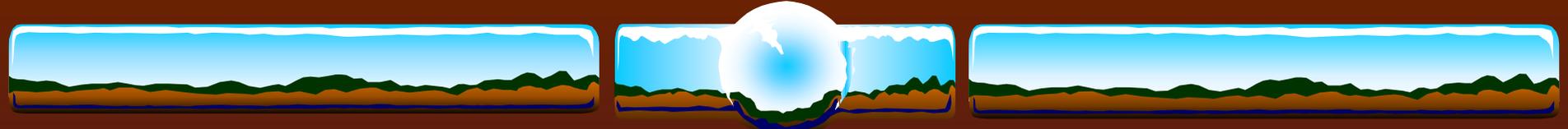




Seneca Overview

- ❖ 4 Territories = approx. 90 square miles of land in restricted fee status – Canandaigua Treaty of 1794
- ❖ 7,277 Enrolled members
- ❖ 3,695 Reside on the Cattaraugus or Allegany territory





Seneca Overview, cont.

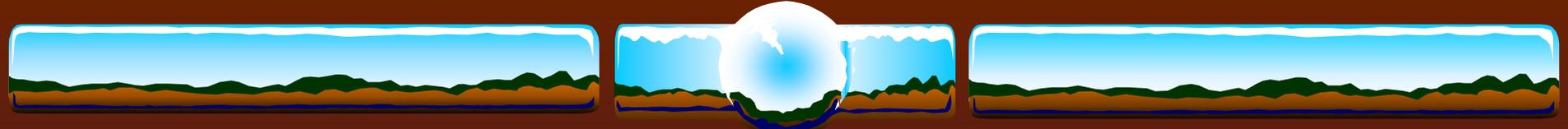
- ❖ Elected form of government, with a Tribal Council consisting of 16 members
- ❖ Nation employs over 500, with an additional 2500 currently employed in our gaming operations
- ❖ Enterprises include: 3 convenient store/gas stations, 2 Class II gaming centers, a museum, a 250 site camping resort, 1 operating Class III casino, and 2 add'l Class III casinos in development.



SNI Energy Background

- ❖ Long History of Nat. Gas Development & *issues*
- ❖ Desire for Energy Independence
- ❖ Solicitations for Energy Development Projects
- ❖ Lack of Strategic Plan or Energy Vision





SNI Long Term Energy Plan

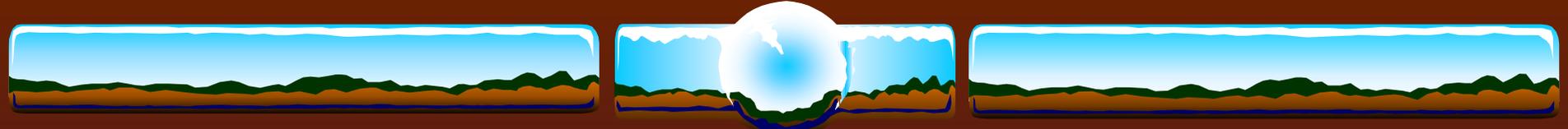
- ❖ The Seneca Nation of Indians is developing a Strategic Energy Resource Plan to define the overall goals of the Nation related to energy self-sufficiency, a strategy to meet those goals & a framework for implementation.
- ❖ Goal - Energy Self-Sufficiency
 - ❖ Economic Development & Revenue Enhancement
 - ❖ Environmental Protection and Preservation
 - ❖ Resource Development (incl. Technical Capacity Bldg.)



SNI Energy Plan – Phase I

- ❖ Comprehensive Energy Framework
 - ❖ Phase One
 - ❖ Community Meetings
 - ❖ Review Historical & Current Energy Resources
 - ❖ Assess Community Priorities, Energy Potential, and Environmental and Economic Issues
 - ❖ SWOT Assessment
 - ❖ Final Report

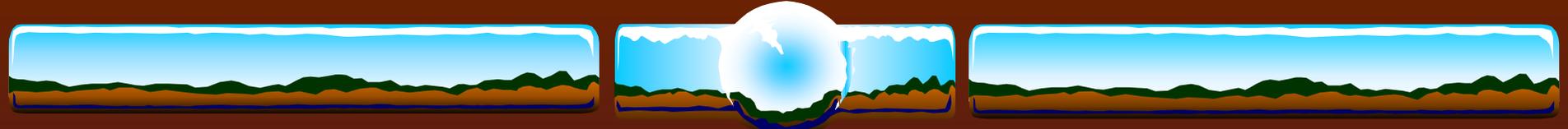




SNI Energy Framework- Phase II

- ❖ Strategic Resource Plan
 - ❖ Tribal Resource Assessment
 - ❖ Renewable Energy
 - ❖ Wind Resource
 - ❖ Biomass Potential
 - ❖ Hydro
 - ❖ Fossil Fuel
 - ❖ Natural Gas Reserves
 - ❖ Energy Efficiency
 - ❖ Cost & Rate Analysis (average cost per kWh)
 - ❖ Commercial/Revenue Enhancement Review
 - ❖ Energy Audit
 - ❖ Environmental Action Plan



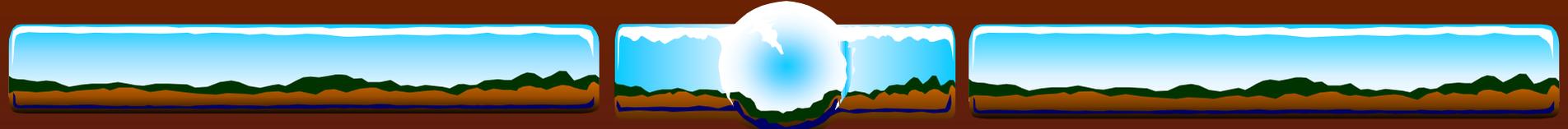


Project Partnerships

❖ Plan Developers

- ❖ Seneca Nation of Indians Tribal Council
 - ❖ 2 Tribal Councilors
 - ❖ Planning Commission Representative
- ❖ Administration
 - ❖ Community Planning & Development Department
 - ❖ Utilities Department, Gas Dept., EPD
 - ❖ Legal Dept., Grants & Contracts Office
- ❖ U.S. Department of Energy
- ❖ Indian Energy Consultants

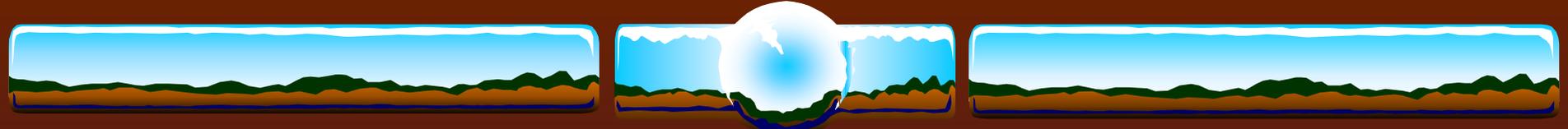




SNI Energy Plan Components

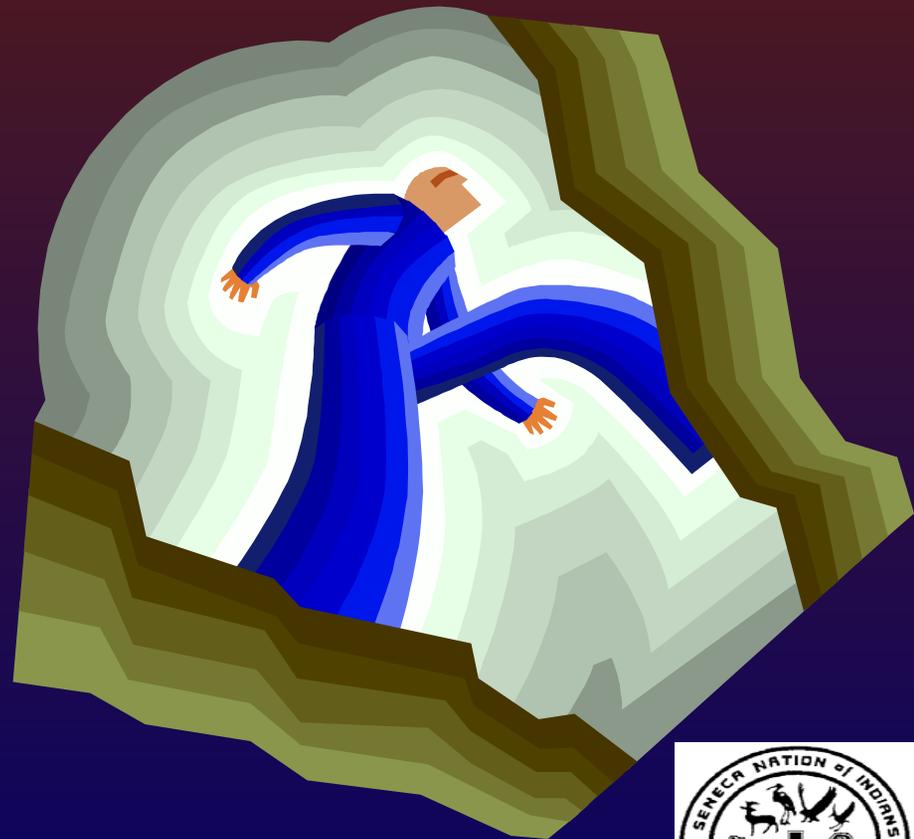
- ❖ Infrastructure Inventory
- ❖ Industry Relationship Assessment
- ❖ Human Resource Development
- ❖ Identifying Technical Assistance
- ❖ Review Regulation & Jurisdiction Issues
- ❖ Environmental & Cultural Considerations
- ❖ Future Project Funding Opportunities

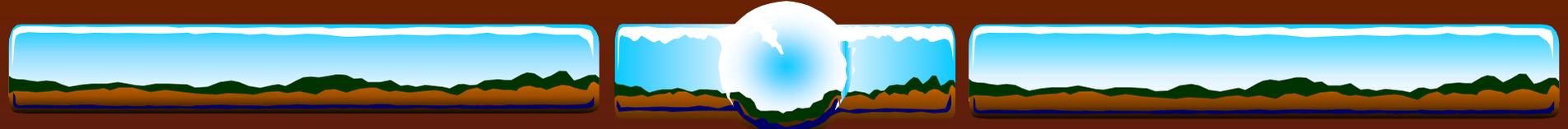




Objectives

- ❖ Go Forward Plan
 - ❖ Energy Management
 - ❖ Renewable Resource Development
 - ❖ Feasibility Analysis
 - ❖ Tribal Community Consensus
 - ❖ Needs and Priorities
 - ❖ Economic
 - ❖ Cultural Focus

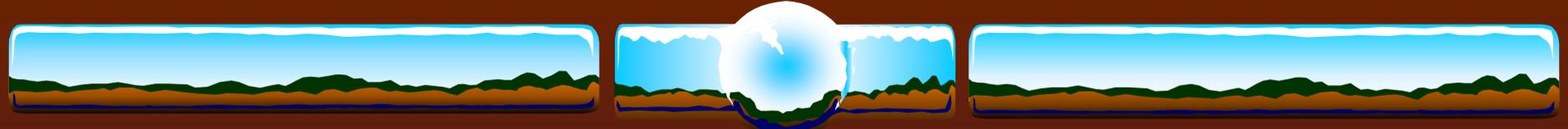




Technical Assistance

- ❖ Wind Resource Assessment
 - ❖ NREL Anemometer Program (2 locations)
- ❖ Natural Gas Assessment
 - ❖ Microhole Technology Application, DOE
- ❖ Infrastructure Mapping
 - ❖ T&D, Gas Lines, Utility
 - ❖ GIS Mapping Services
 - ❖ Meters on the reservation





SNI Contacts

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Developer
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